

ABSTRACT OF THE DISCLOSURE

An idle speed control apparatus which improves freedom of selection in an opening degree characteristic of a throttle valve is structured such that an intake passage of a throttle body is opened and closed by a throttle valve, a cam lever is attached to one end of a rotatably supported link shaft, a link lever is attached to another end of the link shaft, a slider of a stepping motor is connected to the link lever, a cam portion of the cam lever is connected to a roller of the throttle valve lever, linear motion of the slider is transmitted to the link shaft via the link lever to rotationally displace the link shaft, rotation of the cam lever is transmitted to the throttle valve lever, and the throttle valve opens an idling opening degree corresponding to the rotation of the stepping motor.